**TRANSMISSION CORPORATION OF TELANGANA LIMITED**

Sub :- Administrative approval for erection of 220/132 kV Sub-Station at Ammavaripet, Kazipet (M) in Warangal Urban District instead of 220/132 KV SS at Fort Warangal in Warangal Urban District - Accorded.

Ref: T.O.O (CE-Transmission) Ms. No. 64, Dated: 26.04.2017.

**T.O.O (CE-Construction) MS.No .95 Dated:02.05.2018**

1. Administrative approval was accorded for the erection of 220/132 kV Sub-Station at Fort Warangal in Warangal-Urban District with T.O.O. MS. No.64, Dated: 26.04.2017.
2. The proposal for shifting of 220/132 kV Sub-Station from Fort Warangal to Ammavaripet, Kazipet (M), in Warangal Urban District was received from CE/Waranagal Zone for the following reasons
3. The identified land for substation is within the vicinity of Warangal Aerodrome/Airport
4. The district collector has informed that land in survey No. 1587 to an extent of 7.02 Acrs is low lying area covered by rainy water, remaining area covered by bund. The bund area is used as graveyard by the local people for the last 60 years and many tombs are also existing on the bund. The area used as a percolation tank in patta land. This land is not suitable for construction of substation as proposed earlier as a rain water logging over this land round a year.
5. Land to the extent of 10 Acrs at Jakkaloddi of Timmapur village Fort Warangal (M) was identified but land is in dispute and case is pending with Honorable High court, Hyderabad vide WP No. 1584 of 2017.
6. Finally, the Government land in survey No. 247 to an extent of 11 Acrs 18 Guntas situated at Ammavaripet (V), Kazipet (M) was identified and taken over by advance possession as per proceedings of Honorable district collector Warangal vide No. E1/1474/2017, Dt: 19.10.2017 for construction of 220/132 KV Substation.

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1. The proposed substation will relive load on the existing 220 KV SS Warangal & satisfy the N-1 contingency criteria.
2. Further Chief Engineer, Warangal Zone has submitted additional proposal of 132 KV connectivity from proposed 220/132 KV Ammavaripet to existing 132 KV SS Wardhannapet to improve the voltage regulation & to meet the 24 Hrs agriculture load and industrial load with reliable & uninterrupted power supply.
3. The Chief Engineer/ Power systems has conducted the load flow studies and stated that system losses are reduced from 355.9 MW (without 220/132 KV Ammavaripet SS) to 353.5 MW (with 220/132 KV Ammavaripet SS). It is also mentioned that the line loadings, PTR loadings & voltages are within the limits in this scheme area. Further it is also informed that the system losses with 220/132 KV Fort Warangal SS and with proposed 220/132 KV Ammavaripet SS (relocated) are almost equal with same 132 KV downstream connectivities. Hence, proposed 220/132 KV Fort Warangal SS may be shifted to Ammavaripet (V), Kazipet (M), Warangal District.
4. The Chief Engineer/Telecom has furnished the cost estimate for providing OFC communication facility to the 220/132 KV SS at Ammavaripet, Kazipet (M) for an amount of Rs. 408 Lakhs.
5. The estimated cost for the above proposal considering latest approved for material / equipment rates with 10% of price escalation and considering 18% GST works out to Rs.126.91 Crores including IDC.

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1. After careful consideration, TSTRANSCO accords approval under system improvement for the above scheme at a total cost of **Rs.126.91 Crores** as detailed below:



1. This is in supersession to the administrative approval issued earlier for 220/132 kV Sub-Station at Fort Warangal vide T.O.O (CE-Construction-I) Ms. No.64, Dated: 26.04.2017 for an amount of Rs. 6273.00 Lakhs which stands cancelled.
2. The scheme will be executed with financial assistance from M/s PFC Ltd, New Delhi and with TSTRANSCO funds, in case full loan is not sanctioned by the funding agencies.

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1. The Chief Engineer, Construction is hereby authorized to take up the above works after investment approval from Hon’ble TSERC. This authorization is issued with the concurrence of Joint Managing Director, vide Regd. No.1647, Dated: 03.04.2018.
2. In exercise of the powers conferred by G.O. Ms. No. 26 dated 03.09.2015, TSTRANSCO or their authorized representatives shall have the powers that the Telegraphic Authority possesses under the provision of the Indian Telegraph Act 1885 (13 of 1885) for placing of any wires, poles, towers etc., for Transmission of electricity or for the purpose of telephonic or telegraphic communication facility necessary for the proper coordination of the works of the TRANSCO.

**BY ORDER AND IN THE NAME OF TRANSMISSION CORPORATION OF TELANGANA LIMITED**

**Sd/-**

**D.PRABHAKAR RAO**

**CHAIRMAN & MANAGING DIRECTOR**

 **TSTRANSCO**

To,

The Chief Engineer, Construction, TSTRANSCO, Vidyut Soudha, Hyderabad.

Copy to:

The Chairman & Managing Director, TSNPDCL,Mint Compound,Hyderabad

The Executive Director (Finance),TSTRANSCO,Vidyut Soudha,Hyderabad.

The Executive Director (LIS), TSTRANSCO,Vidyut Soudha,Hyderabad.

The Chief Engineer, Comml & RAC, TSTRANSCO, Vidyut Soudha, Hyderabad

The Chief Engineer, Power systems, TSTRANSCO, Vidyut Soudha, Hyderabad

The Chief Engineer, Transmission, TSTRANSCO, Vidyut Soudha,Hyderabad

The Chief Engineer, Warangal Zone, TSTRANSCO, Hyderabad.

The Chief Engineer, Telecom, TSTRANSCO, Vidyut Soudha, Hyderabad

The Chief Engineer, P & MM, TSTRANSCO,Vidyut Soudha,Hyderabad.

The FA & CCA (Accounts & CFO), TSTRANSCO, Vidyut Soudha, Hyderabad

The Superintending Engineer, OMC Circle, TSTRANSCO, Warangal.

The Superintending Engineer, Operation Circle, TSNPDCL, Warangal.

The Superintending Engineer/Construction-I, TSTRANSCO, Vidyut Soudha, Hyderabad

The Divisional Engineer-3/SE/Const-I/O/o CE/Const. TSTRANSCO, Vidyut Soudha, Hyd

SE/T to the Chairman & Managing Director, TSTRANSCO, Vidyut Soudha, Hyderabad

PS to the Joint Managing Director,Fin,Comml&HRD,TSTRANSCO,VS, Hyderabad

DE/T to Director, Transmission, TSTRANSCO, Vidyut Soudha, Hyderabad

DE/T to Director, Projects & Grid Operation, TSTRANSCO, Vidyut Soudha, Hyderabad

ADE/T to Director, Lift Irrigation Schemes, TSTRANSCO, Vidyut Soudha, Hyderabad.

Spare